
0600Bm--Jack Fitz Cruise 02 MAY 21-31 2010

****DATA SOURCE****
Data were compiled from surveys conducted in the Gulf of Mexico. These data are associated with samples collected for Jack Fitz Cruise 02.
Data were compiled from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data. The following SDGs (QC Batches) have been incorporated: 1005070, 1005071, 1005072, 1005077, 1005079, 1005080, 1005081, 1005082, 1005083, 1005084, 1006018, 1006020, 1006021, 1006022, 1006023, 1006024, 1006025, 1006026, 1006027, 1006028, 1006029, 1006030, 1006031, 1006032, 1007187, 1007189, and 1007190.

****DATA COLLECTION PURPOSE****
Natural Resource Damage Assessment

****DATA USE QUALIFICATION****
Values for concentration and detection limit should be interpreted to 3 significant figures. Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****
The data include water and oil chemistry data. Oil chemistry data are stored in the smptar/chemtar tables, and are reported with solid units.

****STATION****
StationIDs are based on the Grid locations recorded in the NOAA Field Sampling Information database, plus a sequential number used for each distinct latitude/longitude position reported. Datum is WGS84.

****SAMPLES AND REPLICATES****
The original SampleIDs reported by the lab from the Chain-of-Custody are stored in the ExSampID field. Whole water samples noted with a *ww* as part of the ExSampID, and VOA samples (unfiltered, with a *wv* as part of the ExSampID) are represented with matrix of "WH." Filtered (dissolved) samples were noted with a 'wd' in the original sampleID, a "F" at the end of the Query Manager SampleID, and coded with a Matrix of "DS." Particulate samples are noted with a *wp* in the orignal sampleID, coded with a "P" at the end of the sampleID, and a Matrix of "PT." Note that the particulate fraction represents the filter that has been analyzed after flushing with a volume of water; thus the concentrations are provided in a liquid basis.

The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The default labrep code "1A" was used for most data. Lab duplicates are noted with a "2" as the first letter of the labrep.

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results

from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX")

The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M
AHCN_C09/ Nonane
AHCN_C10/ Decane
AHCN_C11/ Undecane
AHCN_C12/ Dodecane
AHCN_C13/ Tridecane
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M
BTHIOPHNE/ Benzo(b)thiophene
METHNAP_1/ 1-Methylnaphthalene
METHNAP_2/ 2-Methylnaphthalene
NAPTHALENE/ Naphthalene
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:
Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)
Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)
PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2 (abbreviated as 8260 M - PIANO VolHC - GC/MS)

****SUMMED PARAMETERS****
No sums were calculated.

****QUALIFIERS****
Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. If no validation was completed (LSU lab data), the qualifers are those assigned by the lab. Descriptions of the data qualifiers are included in the data dictionary.
"F" (found) qualifiers were added by the data validators, where the lab reported concentration was below the method detection limit (see DL field).

****OTHER****
The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identifed by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. The analyte was not subjected to silica gel cleanup; thus, it was suggested that the results represented "Total Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total petroleum hydrocarbon results in the final chemistry tables.